CONTROL & MANAGE PUMPSETS

THROUGH YOUR SMART PHONE



M1 NEO



M1 FLEX



M1 PRO



- Controls upto **1 Pumpset**
- Comes with a **Mobile** & **Web APP**
- Control Via Missed Call **(ON | OFF)**
- Power Protection
- Supports upto **10 users**



Available on

GET IT ON Google Play | Available on the App Store

M1 NEO

Control Your Motor from Anytime, Anywhere



- 1 Sim
- 1 Pumpset
- Compatible in 1Ph & 3Ph

The **M1 NEO Cell Phone Motor Starter** Controller is designed for farmers who need reliable and easy irrigation automation. Operate your pump remotely through the mobile app or a missed call, save time, reduce field visits, and ensure efficient water management.

- **GSM** Communication Support
- **Pump** Protection
- Missed Call **ON/OFF** Control
- Mobile **App & Web** Application Control
- Advanced **Timer** Functions

M1 NEO

Control Your Motor from Anytime, Anywhere

Compatible with Dcon Ag M1 NEO

FEATURE HIGHLIGHTS

- Control your motor remotely using the **Mobile App** or **a missed call**.
- Automate irrigation with **Auto Mode** and flexible timer scheduling options.
- **Access 7 days of operation logs** for better tracking and analysis.
- Protect your pumpset with **Dry Run, Overload,** and **1Ph Protection**.
- Monitor pumpset status, current, and voltage in real time.
- Receive instant feedback on motor and network status.
- Ensure reliable operation with battery backup support.
- Stay up to date with Over the Air **(FOTA) firmware** updates.

TECHNICAL SPECIFICATIONS

Status Indications:
LED Indicators

CT Coil Support:
Up to **50A (Default)**

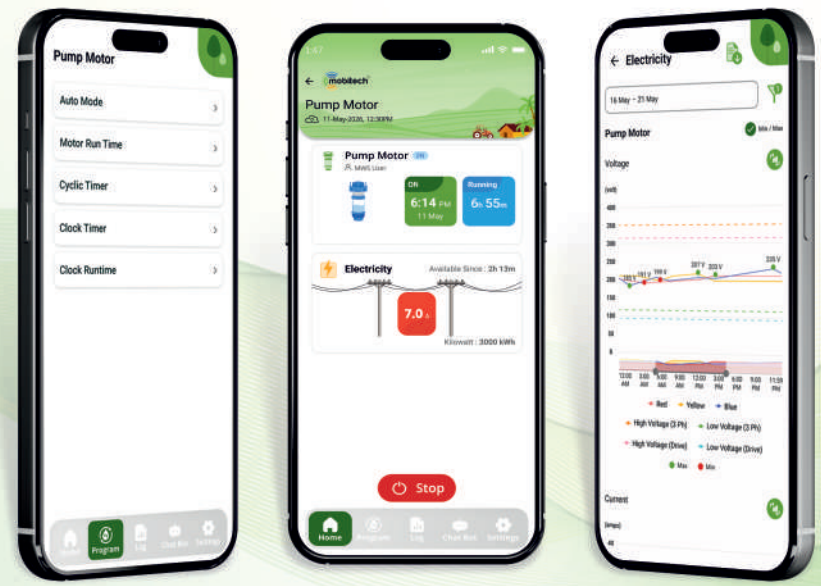
Dry Run Protection:
Current Based

Communication:
5G/LTE GSM Network

Phase Compatibility:
1Ph & 3Ph

Current, Voltage Monitoring: **Yes**

Data Backup:
7 Days Log Storage



M1 FLEX

Smart Control. Maximum Flexibility



- 1 Sim
- 1 Pumpset
- Compatible in 1Ph & 3Ph

The **FLEX Smart Irrigation Controller** is designed for farmers who need advanced automation, intelligent scheduling, and complete control over their irrigation system. Manage multiple irrigation requirements with ease while **saving water, electricity,** and **labor.**

GSM Communication Support

Pump Protection

Missed Call **ON/OFF** Control

Mobile **App & Web** Application Control

Advanced **Timer** Functions

M1 FLEX

Smart Control. Maximum Flexibility

Compatible with Dcon Ag M1 FLEX

FEATURE HIGHLIGHTS

- Control your motor from anywhere using the **Mobile App**.
- Automate irrigation with advanced **timer** and **program** settings.
- **Save water** and **electricity** through smart irrigation management.
- Reduce manual intervention and labor costs.
- Monitor pumpset performance in real time.
- Protect your pumpset with **Dry Run, Overload,** and **Voltage Protection**.
- Receive instant alerts and status notifications.
- Improve crop health with timely and consistent irrigation.
- Access your farm **anytime, anywhere** with complete peace of mind.

TECHNICAL SPECIFICATIONS

Operating Voltage:
180V – 440V

Communication:
5G/LTE GSM Network

Data Log Storage:
30 Days Historical Records

Timer Programs:
Up to **20+** Programmable Schedules

pumpset Control Capacity:
Up to **0.5HP to 300HP**

Backup Memory Retention:
Up to 12 Months



M1 PRO

Advanced Motor Automation For Modern Farms



- 1 Sim
- 1 Pumpset
- Compatible in 1Ph & 3Ph

The **Dcon Ag M1 Pro**, The irrigation motor controller enables farmers to operate and monitor their irrigation motor remotely through a mobile app, regardless of farm size. It offers flexible scheduling, real time monitoring, and advanced safety protections — delivering reliable, automated irrigation to make **farming easier, safer, and more efficient**.

Remote Mobile Control

Smart Automation

Timer Modes

sensor Integration

Inbuilt **SIM** Connectivity

M1 PRO

Advanced Motor Automation For Modern Farms

Compatible with Dcon Ag M1 PRO

FEATURE HIGHLIGHTS

Remote Mobile Control
Operate and monitor the irrigation motor anytime using a mobile application.

Smart Automation & Sensors
Supports cycle, clock, run, and auto timer modes with tank level, pressure, and flow sensor integration.

Advanced Safety Protection
Built-in dry run, low voltage, and high voltage protection for secure and uninterrupted operation.

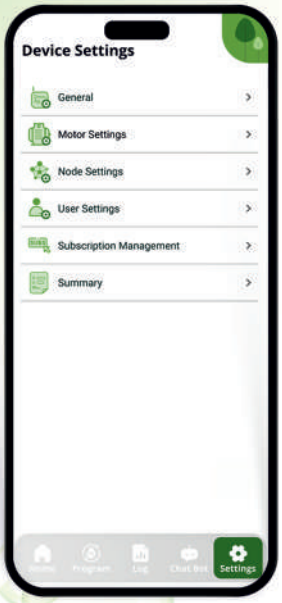
TECHNICAL SPECIFICATIONS

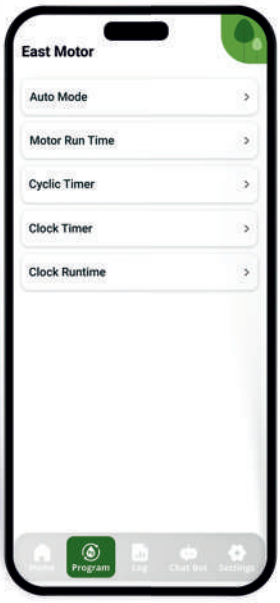
- Timer Modes: Cycle, Clock, Run & Auto
- Connectivity: Inbuilt SIM card
- Sensor Support: Tank level sensor, Pressure sensor, Flow sensor
- Protection Features: Dry run, Low voltage, High voltage protection
- Onboard Display: Yes

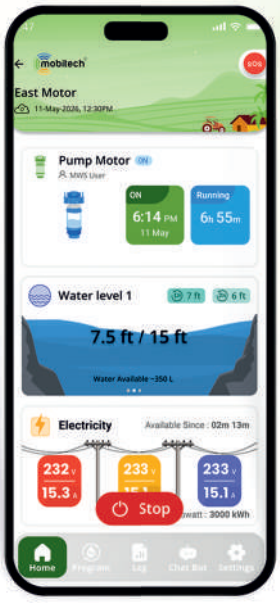


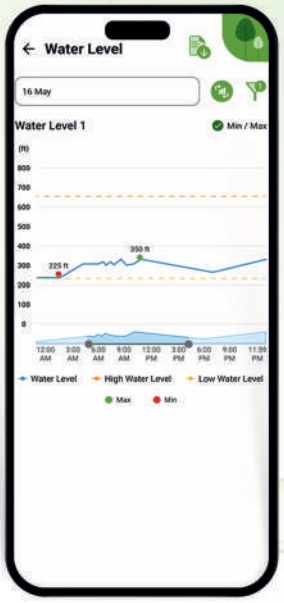
Interface

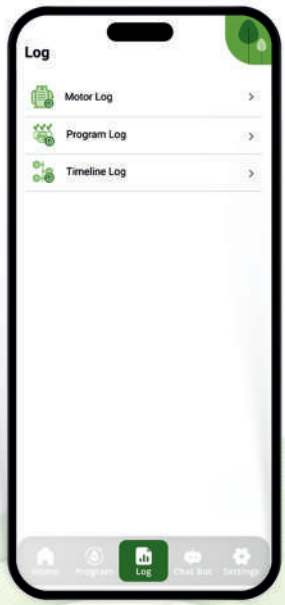
SCAN FOR APP

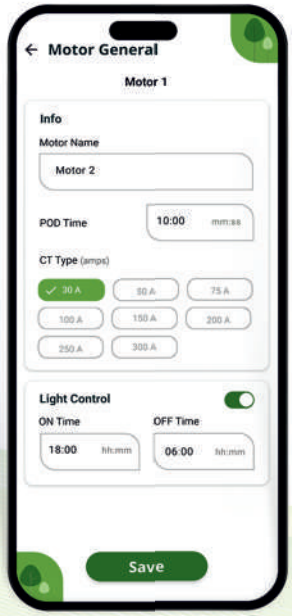


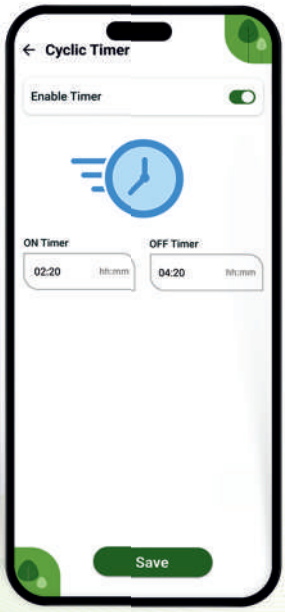


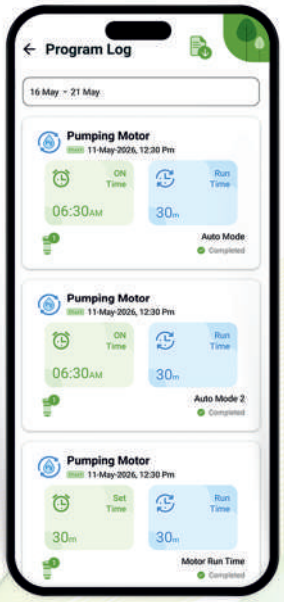












Comparison of Cellphone motor Starter controllers

Features		M1 PRO	M1 FLEX	M1 NEO
Connectivity & Technology	GSM Communication Support	✓	✓	✓
	WIFI Connectivity	✓		
	Bluetooth Connectivity	✓		
	GPS	✓		
Pump Protection Features	Single Phase Protection	✓	✓	✓
	Current Based Dry Run Protection	✓	✓	✓
	Overload Protection	✓	✓	✓
	Low and High Voltage Protection	✓	✓	
	Current Imbalance Protection	✓	✓	
	Dry Run Resume Delay	✓	✓	✓
	Voltage Resume Delay	✓	✓	
Functional Features	DOL Starter Compatibility	✓	✓	✓
	Star Delta Starter Compatibility	✓	✓	✓
	Light Control Compatibility	✓		
	Emergency Shutdown Relay	✓		
	Pump Drive Control (VFD ON-OFF Control)	✓	✓	✓
Electrical Parameter	Voltage Sensing Capability	✓	✓	
	Voltage Phase Monitoring	1 Ph & 3 Ph	1 Ph & 3 Ph	
	Battery Backup Support	✓	✓	✓
	Current Sensing Capability	✓	✓	✓
	Current Phase Monitoring	1 Ph & 3 Ph	1 Ph & 3 Ph	1 Ph & 3 Ph
	Default CT Coil Range	Upto 50A	Upto 50A	Upto 50A
	External CT Coil Support	Upto 500A		
	Power Factor Measurement	✓		
	Power Consumption (KW)	✓		
	Voltage & Current Monitoring Display	✓		

Comparison of Cellphone motor Starter controllers

Features		M1 PRO	M1 FLEX	M1 NEO
Timer Controls	Auto Mode	✓	✓	✓
	Motor Run Time	✓	✓	✓
	Cyclic Timer	✓	✓	✓
	Clock Timer	Max 10 Timers	Max 2 Timers	Max 2 Timers
	Clock Run Timer	Max 10 Timers	Max 2 Timers	Max 2 Timers
Sensor Integration	Pressure Sensor	✓		
	Flow Meter	✓		
	Water Level Sensor	✓		
Display	Display Indication	✓		
	LED Indication(Network and Motor Feedback)	✓	✓	✓
Remote Control & User Interface	Mobile & Web Application Control	✓	✓	✓
	Missed Call **ON|OFF** Control	✓*	✓*	✓*
Data Log & Backup	Log Backup Duration	30 Days	7 Days	7 Days
Firmware Update	FOTA	✓	✓	✓

* - To use this feature, the customer needs to provide a **SIM card.**

300000+
installation across india

Manufacturer

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IRRIGATION AUTOMATION

Product Catalogue

Version 2.1